



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

649.4701

Job Sheet 173960



Part No: 649.4701

Job Qty: 1 ea

Part Name: AW119 Cable Cutter System



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/8/18

Job Tracking No: RA172

Due Date: 3/9/18

Created By: Linda Lacelle

Type: Return

Description:

Note: URF18-577 647.4907 rev.e2 IPP REV:A 12.11.05 NEW ISSUE DD VERF:JLM IPP REV:B AS PER ECR 12-54
13-07-09 JLM VERIFIED BY:DD IPP REV:C 16.08.11 AS PER DWG REV.C DD VERF:JLM IPP REV:D
17.11.08 AS PER DWG REV.E2 DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	3/9/18	3/9/18	0.00	0.00	Start Up Stores/Pkg-1		
100	Packaging	1 pcs	3/9/18	3/9/18	0.00	0.00	Packaging1-1		
110	QC	1 pcs	3/9/18	3/9/18	0.00	0.00	QC4		
120	Packaging	1 pcs	3/9/18	3/9/18	0.00	0.00	Packaging3-1		
130	QC21-FG	1 Ea	3/9/18	3/9/18	0.00	0.00	QC21		

DAB
21

9-80 MAR 12 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
600.1012	Sealant PR1425B2 (#654 sem)	1 pcs (1 ea)	90-Start up Operation	
649.4701	AW119 Cable Cutter System	1 Ea (1 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	600.1012	1	33	0
	649.4701	1	1	0

Part Specifications



Specifications could not be found

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

3/9/18 8:46 AM Dart.Gagnon.Michelle

Container No: S049560



Part: 649.4701

Job No: 173960

Serial No/Batch: S049560

Revision: E2

Inspector:

Date: 03/09/18



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

649.4701
Job Sheet 173960



Part No: 649.4701

Job Qty: 1 ea

Part Name: AW119 Cable Cutter System



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/8/18

Job Tracking No: RA172/173/174

Due Date: 3/9/18

Created By: Linda Lacelle

Type: Return

Description:

Note: URF18-577 647.4907 rev.e2 IPP REV:A 12.11.05 NEW ISSUE DD VERF:JLM IPP REV:B AS PER ECR 12-54
13-07-09 JLM VERIFIED BY:DD IPP REV:C 16.08.11 AS PER DWG REV.C DD VERF:JLM IPP REV:D
17.11.08 AS PER DWG REV.E2 DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	3/9/18	3/9/18	0.00	0.00	Start Up Stores/Pkg-1		
100	Packaging	1 pcs	3/9/18	3/9/18	0.00	0.00	Packaging1-1		
110	QC	1 pcs	3/9/18	3/9/18	0.00	0.00	QC4		
120	Packaging	1 pcs	3/9/18	3/9/18	0.00	0.00	Packaging3-1		
130	QC21-FG	1 Ea	3/9/18	3/9/18	0.00	0.00	QC21		

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
649.4701	AW119 Cable Cutter System	1 Ea (1 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	649.4701	1	1	0

*reinspect
return to sth*

Part Specifications

Specifications could not be found.

Plex 3/8/18 11:26 AM dart.lacelle.linda

* 600.1012

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER :					

Linda Lacelle

From: Marcel Daviau
Sent: Thursday, March 8, 2018 10:41 AM
To: Linda Lacelle; Oscar Martinez; Marc Bellavance; Patrick Duval; Eric Downing
Cc: Jose Miguel Fernandez-Busto; Sian Willems; Ryan Williamson; Jean-Luc Menard
Subject: RE: Medic Air CCK / DART2209

Linda, I have Eric looking into it, he'll be getting some input from Marc and clear everything that needs to be attended. Everything should be ready for Pat to clear the RA tomorrow AM and get it to ship.

Marcel

From: Linda Lacelle
Sent: Thursday, March 8, 2018 10:13 AM
To: Oscar Martinez <omartinez@dartaero.com>; Marc Bellavance <mbellavance@dartaero.com>; Patrick Duval <pduval@dartaero.com>; Eric Downing <edowning@dartaero.com>
Cc: Jose Miguel Fernandez-Busto <jmiguel@dartaero.com>; Sian Willems <swillems@dartaero.com>; Ryan Williamson <rwilliamson@dartaero.com>; Jean-Luc Menard <jmenard@dartaero.com>; Marcel Daviau <mdaviau@dartaero.com>
Subject: RE: Medic Air CCK / DART2209
Importance: High

We have 2 complete kits that need to be re-inspected and re-packaged, I see no reason why we couldn't ship tomorrow

Pat/Eric,
I need the RA inspected, so we can proceed with getting ONE of these kits to pkg, to ship tomorrow

L

From: Oscar Martinez
Sent: Thursday, March 8, 2018 10:09 AM
To: Linda Lacelle <llacelle@dartaero.com>; Marc Bellavance <mbellavance@dartaero.com>
Cc: Jose Miguel Fernandez-Busto <jmiguel@dartaero.com>; Sian Willems <swillems@dartaero.com>; Ryan Williamson <rwilliamson@dartaero.com>; Jean-Luc Menard <jmenard@dartaero.com>
Subject: RE: Medic Air CCK / DART2209

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

Good morning team,

Regarding order DART2209 I just received an email from Tamara (Distributor) advising me that End User (Medic Air) mentioned he wants to have the item 649.4701 (AW119 Cable Cutter System) we have available with the current configuration. By saying this the End User is accepting responsibility of the installation certification upon the aeronautical authority.

I don't see it in stock. Could you please confirm this. If we don't have it please provide LT.

Any question please let me know.

*** until we have an answer for this, please don't send the letter we were working with yesterday ***

Thanks,

Oscar

From: Tamara Sepulveda [<mailto:tsepulveda@eaglecopters.cl>]
Sent: Thursday, March 8, 2018 6:23 AM
To: Oscar Martinez <omartinez@dartaero.com>; Jose Miguel Fernandez-Busto <jmiguel@dartaero.com>
Subject: RV: Medic Air CCK

Óscar, buenos días, conversando con el cliente, él nos indicó que está dispuesto a hacer las modificaciones pertinentes al parabrisas para que se adapte a la configuración actual del Corta Cables DART ofertado, PN 649.4701. De esta manera, él acepta la responsabilidad de certificar la instalación ante nuestra autoridad aeronáutica. Por favor, enviar el kit mañana junto con toda las órdenes que estarán listas.

Slds,
Tamara

De: Roberto Sieveking [<mailto:rsieveking@eaglecopters.cl>]
Enviado el: miércoles, 7 de marzo de 2018 19:24
Para: tsepulveda@eaglecopters.cl
Asunto: Fwd: Medic Air CCK

Tammy,
Please habla con DART para que manden el corta cable para tornillos que acepto Juan Griffin dueño de Medicaire

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

Gracias

Sent from my iPhone

Begin forwarded message:

From: JUAN EDUARDO GRIFFIN TORRETTI <jgriffin@medicair.cl>

Date: March 7, 2018 at 18:16:02 GMT-3

To: Roberto Sieveking <rsieveking@eaglecopters.cl>

Subject: Re: Medic Air CCK

De Roberto acuerdo te pido los manden lo antes que se pueda.

Atentamente.

JUAN GRIFFIN TORRETTI
GERENTE

PH: +56(2)2734688

CEL 965870024

MAIL jgriffin@medicair.cl



El 07-03-2018, a las 13:22, Roberto Sieveking escribió:

Estimado Juan,

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Tal como lo conversamos personalmente ayer y por teléfono hoy en la mañana, solicito tu aprobación de pedir los corta cables con instalación para Tornillos y no para remaches para tu helicóptero AW119
Por favor enviar aceptación de esto y así solicitar a DART Aerospace que mande los corta cables con el STC para remaches
Quedo a la espera de tu confirmación
Un abrazo
Roberto Sieveking

Sent from my iPhone

Begin forwarded message:

From: "Tamara Sepulveda" <tsepulveda@eaglecopters.cl>
Date: March 6, 2018 at 11:36:26 GMT-3
To: "'Roberto Sieveking'" <rsieveking@eaglecopters.cl>
Subject: Medic Air CCK

Roberto, esto dijo DART:

the current kit configuration will not work on an aircraft configured with a riveted windshield; we have to go back a few revisions.

<http://209.87.254.242:3585/sites/ProdSpec/Documents/Agusta/A119,%20AW119MKII/Cable%20Cutters%20-%20SR02425LA/IIA119-3%20F.pdf>

Estoy esperando que me digan cuándo podrían tener un kit listo para una ventana remachada.

Te aviso apenas sepa.

Slds,

<image003.png>

Tamara Sepulveda - Sales Manager
Aeródromo de Chicureo, Camino Guay-Guay #8881,
Colina, Santiago, Chile, Zip Code: 9340000
Phone: +56 2 2948 3200 | Fax: +56 2 2247 8290

This transmission is confidential and intended solely for the person or organization to whom it is addressed. It may contain privileged and confidential information. If you are not the intended recipient, you should not use, copy, distribute or take any action in reliance on it. If you have received this transmission in error, please notify the sender at the e-mail address above.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		

Root Cause				FAULT CATEGORY			
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER : _____			
Misidentified	☐	Past Due	☐				

Inspection Sheet Complete **Hawk RA172**

Customer QA Ref # Order 909

Part Number	Batch / Serial #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Work order #	Work order Instructions
649.4701	S016471	#VALUE!	☒ Yes	☒ Yes	☒ Yes	☒ Yes	STOCK	S036299	Kit complete with no damage but open by customer. Scrap and replace expired product: 600.1012. Repackage as per PPP. Stock with new batch number at Rev E. Add new labels and paper work.
0		#VALUE!	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		#VALUE!	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		#VALUE!	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		#VALUE!	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		#VALUE!	☐ Yes	☐ Yes	☐ Yes	☐ Yes			

QC Approval: Pat.D _____

Date: 9-Mar-18 _____